

### ABSTRACT

[00046] A system and method for high resolution video conferencing is shown and described.

A transmitting station and a receiving station including video cameras or sensors, a plurality of microphones and speakers, video, audio and communication processing engines are disclosed.

Video is processed and transferred through the system allowing for multiple video streams to be produced and audio is processed and transferred through the system allowing for sound to be played back with an indication of position in relation to the videoconferencing system.